

Name: _____

Date: _____

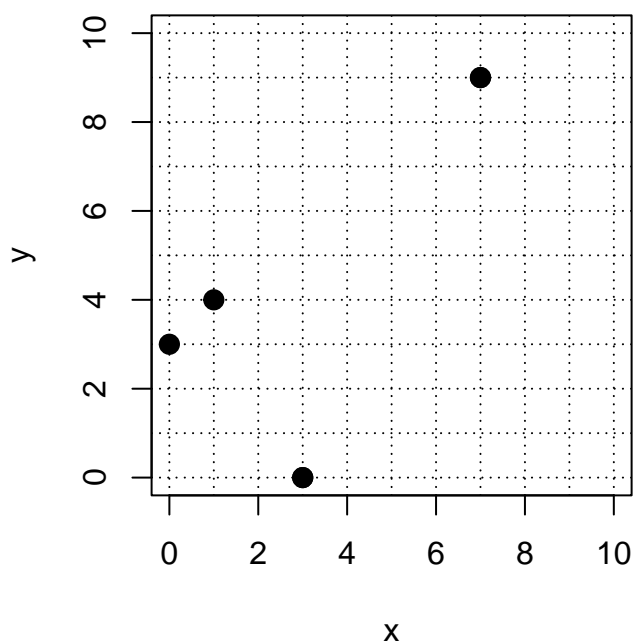
Check if Relation is a Function (12 pts classwork, version 42)

1. A **relation** is expressed as a list of (x, y) ordered pairs.

$(8, 2)$ $(7, 4)$ $(1, 3)$ $(5, 6)$ $(2, 5)$ $(6, 2)$ $(6, 7)$

- Is y a function of x ? Why or why not?
- Is x a function of y ? Why or why not?
- One-to-one function? Why or why not?

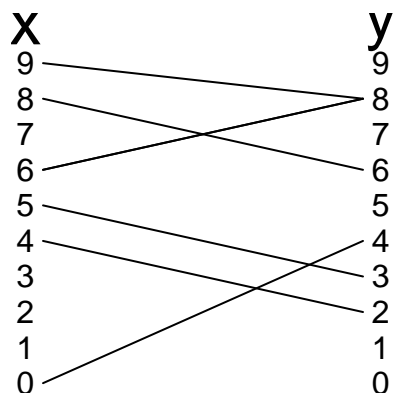
2. A relation is shown as points on a graph.



- Is y a function of x ? Why or why not?
- Is x a function of y ? Why or why not?
- One-to-one function? Why or why not?

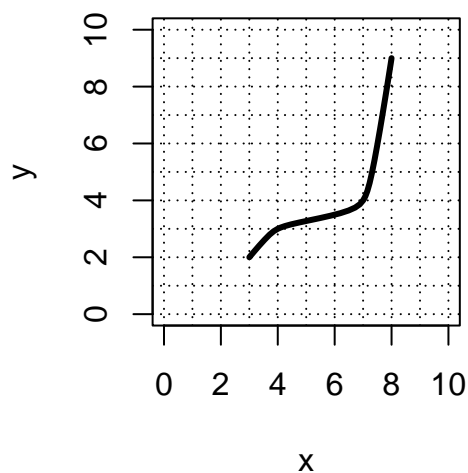
Check if Relation is a Function (version 42)

3. A relation is shown with segments connecting elements of two sets.



- Is y a function of x ? Why or why not?
- Is x a function of y ? Why or why not?
- One-to-one function? Why or why not?

4. A relation is shown as a curve plotted on an x, y plane.



- Is y a function of x ? Why or why not?
- Is x a function of y ? Why or why not?
- One-to-one function? Why or why not?